ThinkCentre® M70e Tower (0829) - Windows 7

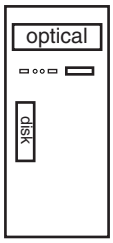
Type-model	Slot x bay	Processor	GHz	L2 cache	Cores	Memory[8]	SATA disk	2nd Disk Bay	SATA optical	Media reader	Graphics	Win7 preload	Global Educ	Avail date
0829-N3U	4x3	Pentium E5500	2.80	2MB	2	1GB	250GB[2]	None	DVD		GMA	Pro 32	None	Aug 10
0829-M6U	4x3	Pentium E5500	2.80	2MB	2	2GB	320GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
☞ 0829-T2U	4x3	Pentium E5700	3.00	2MB	2	2GB	320GB	None	DVD±RW	Media	GMA	Pro 32	None	Mar 11
0829-E9U	4x3	Core 2 Duo E7500	2.93	3MB	2	1GB	250GB	None	DVD		GMA	Pro 32	None	Aug 10
0829-F1U	4x3	Core 2 Duo E7500	2.93	3MB	2	2GB	250GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
0829-F3U	4x3	Core 2 Duo E8400	3.00	6MB	2	2GB	250GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
0829-N2U	4x3	Core 2 Duo E8400	3.00	6MB	2	*3GB*	320GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
0829-F6U	4x3	Core 2 Duo E8500	3.16	6MB	2	2GB	250GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
0829-N4U	4x3	Core 2 Duo E8500	3.16	6MB	2	*3GB*	320GB	None	DVD±RW		GMA	Pro 32	None	Aug 10
0829-N5U	4x3	Core 2 Quad Q9500	2.83	6MB	4	*4GB*	320GB	None	DVD±RW		GMA	Pro 32	None	Aug 10

- ***These models have a 3-year limited warranty***[1]
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Essential business features, exceptional value*
Processor	**Intel® Pentium® Processor E5500** or **E5700** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core™ 2 Duo Processor E7500** with **dual-core**, 1066MHz system bus, and 3MB L2 cache or **Intel Core 2 Duo Processor E8400** or **E8500** with **dual-core**, 1333MHz system bus, and 6MB L2 cache or **Intel Core 2 Quad Processor Q9500** with **quad-core**, 1333MHz system bus, and 6MB L2 cache
Implementation	Processor in LGA775 socket
Memory	**1GB**, **2GB**, **3GB**, or **4GB std**, 4GB max[8], **PC3-8500 1066MHz DDR3**, non-parity, dual-channel capable, two 240-pin DIMM sockets; *Italics:* standard memory in both sockets; no sockets avail; *Non-italics:* standard memory in one socket; one socket available
Graphics	**Intel Graphics Media Accelerator X4500 (GMA X4500)**, integrated graphics in G41, uses main memory (up to 253MB *[1GB models]*, 765MB *[2GB models]*, 1277MB *[3GB models]*, or 1759MB *[4GB models]*), one analog VGA DB-15 connector, DirectX® 10, supports dual independent display with optional ADD2 adapter
SATA disk	**250GB** or **320GB**, SATA 3.0Gb/s 7200 rpm, vibration dampening mounts
SATA controller	Serial ATA, SATA 3.0Gb/s, integrated in ICH7
SATA DVD	*Some:* DVD-ROM DL SATA 1.5Gb/s 16-48X Max[4] Drive
SATA DVD±RW	*Some:* Super Multi-Burner DL DVD±RW SATA 1.5Gb/s Drive
SATA cables	Two SATA cables (each 1-drop to device), three SATA connectors on planar
eSATA port	None
Diskette drive	None
Media reader	*Some:* Single Slot SD Media Card Reader
Chipset	**Intel G41 Express Chipset** (PCI Express® x16), I/O Controller Hub 7 [ICH7] (SATA 3.0Gb/s, PCI Express x1, PCI 2.3, USB, LPC bus)
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)
Rear ports	Four USB 2.0, serial (9-pin), ethernet (RJ-45), monitor (VGA DB-15)
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone (stereo, 3.5mm)
Audio	High Definition (HD) Audio, Realtek® ALC662 codec
Speaker	One internal speaker for business audio
IEEE 1394	None
Ethernet	Gigabit ethernet on planar, Marvell® 88E8057, Wake on LAN®
Intel AMT	None
Modem	None
Security chip	None
Keyboard	Preferred Pro USB Keyboard (USB connector), 104-key, black, Lenovo® logo
Mouse	Optical Wheel Mouse (USB connector), 400 dpi, black, Lenovo logo
Power supply	280 watts with variable speed fan, manual switch

Tower

- Business black color; metal case
- 6.3" W X 16.6" D X 15.3" H
- 160mm W X 422mm D X 388mm H
- 20.7 lb (9.4 kg) in max configuration
- Handle on top front
- Toolless top cover removal
- Highlighted optical drive button for easy access



Bay ① 5.25", 1.6" high, access, std optical
Bay ② 1.5", .35" high, access, opt reader*
Bay ③ 3.5", 1" high, no access, std disk
* bay only available on models with media reader installed

Slot 1: half-length,full-height, PCI Express x16 (60w max)
Slot 2: half-length,full-height, PCI Express x1
Slot 3: half-length,full-height, 32-bit PCI 2.3
Slot 4: half-length,full-height, 32-bit PCI 2.3

Security

- One lock to secure both cover and entire system to fixed object:
  - Padlock loop (in rear for opt padlock)
  - Security slot (in rear for optional Kensington® Microsaver® cable)
- Power-on password
- Administrator password
- Hard disk password
- Boot sequence control
- Boot without keyboard, mouse
- Serial port I/O control
- USB port disablement

Supports ThinkVantage® technologies

GREENGUARD® certified
RoHS-compliant

Preloaded operating system[20]

- Genuine Windows® 7 Professional 32

Preloaded applications[5] (only some listed)

- Rescue and Recovery™
- Password Manager
- ThinkVantage System Update
- ThinkVantage Power Manager
- ThinkVantage Toolbox
- Norton™ Internet Security 2011 (30 days of virus definitions)
- Adobe® Reader®
- Adobe Flash® Player
- Skype™ for Windows
- Microsoft Office 2010 preloaded; purchase product key to activate
- Corel® Burn.Now™ (DVD±RW)
- Corel DVD MovieFactory® (DVD±RW)

Accessories

1GB PC3-8500 DDR3 UDIMM	45J5434
2GB PC3-8500 DDR3 UDIMM	45J5435
DVD-ROM DL SATA 1.5Gb/s 16-48X Max	41N5618
Super Multi-Burner DL DVD±RW SATA Drive	41N5620
DisplayPort™ to Single-link DVI-D Cable	45J7915
DisplayPort to VGA Monitor Connection	57Y4393
ADD2 DVI-D Monitor Connection (HDCP)	43R1985
NVIDIA® GeForce® 310 512MB (DP, VGA)	57Y4397

More accessories on O-M70E sheet

Acc Guide in pdf **lenovo.com**/accessoriesguide
Other accessories at **lenovo.com**/accessories

Limited Warranty[1]

- **3-year parts and labor**
- **International Warranty Service**[9]
- **Customer Replaceable Unit (CRU) parts only (with limited onsite service for selected parts**[3]**, 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time)**
- **Onsite service upgrade options (in eligible locations):**[7]
  - **3-year LOR 9x5, 4 hour response** (ThinkPlus™ part number 41C9192)
  - **3-year LOR 24x7, 4 hour response** (ThinkPlus part number 41C9193)
  - **4-year LOR 9x5, Next Business Day** (ThinkPlus part number 41C9194)
  - **4-year LOR 9x5, 4 hour response** (ThinkPlus part number 41C9195)
  - **4-year LOR 24x7, 4 hour response** (ThinkPlus part number 41C9196)
- **ThinkPlus services at lenovo.com**/thinkplus/warranty
- **Post warranty maintenance services available**
- **24 hour x 7 day**[14] **toll-free support during the warranty period**[1] **via 800-426-7378**

See footnotes for important warranty information

☞ US model announced February 8, 2011; previous models on August 3, 2010

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